

What is claimed is:

1. An optical disk apparatus, comprising:

reproduction means for reproducing data recorded on said  
5 optical disk;

sound volume control means which can be manually actuated  
and is for adjusting a sound level of sound data, when the data  
reproduced by said reproduction means are said sound data; and

control means which receives a signal output from said sound  
10 volume control means and causes said sound volume control means  
to act as reproduction speed control means by means of adjusting  
a reproduction speed of said reproduction means in accordance with  
said signal when a reproduction state of said optical disk is a  
predetermined state.

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2. The apparatus according to claim 1, wherein,

when a command input from the outside is a read command  
signifying reading of data, said control means causes said sound  
volume control means to act as said reproduction speed control means.

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3. The apparatus according to claim 1, wherein,

said reproduction means reproduces said data at a  
predetermined reproduction speed in an initial state; and,

when a command input from the outside is a read command  
25 signifying reading of data, said control means changes said  
predetermined reproduction speed to a set reproduction speed  
indicated by said reproduction speed control means.

4. The apparatus according to claim 3, wherein,

when an anomaly has arisen in reproducing operation of said reproduction means after said predetermined reproduction speed has been changed to said set reproduction speed indicated by said reproduction speed control means, said control means automatically  
5 sets said reproduction speed to a reproduction speed which is equal to or less than said set reproduction speed.

5. The apparatus according to claim 1, further comprising:

storage means for storing an initial position of said  
10 reproduction speed control means, wherein,

when an actuation position of said reproduction speed control means has remained unchanged from said initial position, said control means holds said reproduction speed unchanged, but, when said actuation position of said reproduction speed control means has  
15 changed from said initial position, said reproduction speed is changed in accordance with an absolute position within a movable range of said reproduction speed control means.

6. The apparatus according to claim 1, wherein

20 said reproduction speed control means further comprises:  
an input terminal for said sound data signal;  
a variable resistor serially connected to said input terminal;  
a capacitor serially connected to said variable resistor;  
a sound output terminal serially connected to said capacitor;  
25 reference power connected between said input terminal and said variable resistor; and

means for supplying a portion of a signal output from said variable resistor to said control means, wherein

said control means controls said reproduction speed in

accordance with a signal output from said variable resistor.

7. The apparatus according to claim 1, further comprising:

display means for displaying a set reproduction speed  
5 indicated by said reproduction speed control means.

8. The apparatus according to claim 1, wherein

said control means performs control operation such that a  
direction in which said sound volume control means is actuated to  
10 increase a sound level is brought into coincidence with a direction  
in which said reproduction speed control means is actuated to increase  
a reproduction speed.

9. An optical disk apparatus, comprising:

15 drive means for rotationally driving an optical disk;  
signal processing means for reproducing data recorded on said  
optical disk;

means for outputting a sound signal when said data obtained  
through reproduction corresponding to said sound signal;

20 a sound volume controller which can be manually actuated and  
controls an output sound level of said sound signal;

means for inputting a command from an external device; and

control means for controlling said drive means and said signal  
processing means in accordance with said command, wherein, when  
25 said command is a read command signifying reading of data from said  
optical disk, a rotational speed of said optical disk is set by  
said drive means in accordance with a set position of said sound  
volume controller.

10. The apparatus according to claim 9, wherein,

when said set position of said sound volume controller differs from an initial position thereof, said control means takes a minimum position of said sound volume controller within a movable range thereof as a minimum rotational speed and a maximum position of said sound volume controller within said movable range thereof as a maximum rotational speed, and said rotational speed is set in accordance with said set position of said sound volume controller.

11. The apparatus according to claim 9, further comprising:

means for determining the type of said optical disk, wherein said control means sets said rotational speed in accordance with said set position of said sound volume controller and the type of said optical disk.

12. The apparatus according to claim 11, wherein

said control means performs control operation such that a direction in which said sound volume controller is actuated to increase a sound level is brought into coincidence with a direction in which operation is performed for increasing said rotational speed.

13. The apparatus according to claim 11, wherein,

even when said set position of said sound volume controller is fixed, said control means increases said rotational speed to a greater speed when the type of said optical disk is a CD as compared with a case where said type of said optical disk is a DVD.

14. The apparatus according to claim 11, wherein,

even when said set position of said sound volume controller

is fixed, said control means increases said rotational speed to a greater speed when the type of said optical disk is a data CD as compared with a case where said type of said optical disk is an audio DVD.

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